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Second edition
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Rubber- or plastics-coated fabrics — Determination of roll characteristics —

Part 3: Method for determination of thickness

*Supports textiles revêtus de caoutchouc ou de plastique —
Détermination des caractéristiques des rouleaux —*

Partie 3: Méthode de détermination de l'épaisseur



Reference number
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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative reference	1
3 Terms and definitions	1
4 Apparatus	1
5 Conditioning	2
6 Procedure	2
6.1 General.....	2
6.2 Measurement.....	2
7 Expression of results	3
8 Test report	3

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword – Supplementary information](#)

The committee responsible for this document is ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

This second edition cancels and replaces the first edition (ISO 2286-3:1998), which has been technically revised. The changes are as follows:

- in [4.1](#), the smallest scale reading has been changed to 0,01 mm;
- in [4.2](#), the pressure of 5 kPa has been added and the force corresponding to each pressure has been added for reference;
- in [Clause 5](#), the conditioning atmosphere has been clarified;
- in [Clause 6](#), the requirement for recording the temperature and humidity has been added; the usable width has been clearly specified; the period of pressing time has been changed to more flexible;
- in [Clause 8](#), items b) and e) have been added.

ISO 2286 consists of the following parts, under the general title *Rubber- or plastics-coated fabrics — Determination of roll characteristics*:

- *Part 1: Methods for determination of length, width and net mass*
- *Part 2: Methods for determination of total mass per unit area, per unit area of coating and mass per unit area of substrate*
- *Part 3: Method for determination of thickness*

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Introduction

Compared with metals, coated fabrics are easily compressed, and the measured thickness will depend considerably upon the method and pressure employed. This is perhaps the single most important reason for having a standard method for measuring the thickness of coated fabrics.

An effort has been made to enable the results to be comparable with measurements of the thickness of textile substrates.